

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1-27 (Canceled)

28. (New) A communication device comprising an input device to operate said communication device, a microphone to input audio data to said communication device, a speaker to output audio data from said communication device, a visual image generator to generate a plurality of images, a display to display said plurality of images, a wireless communication system which sends and receives wireless signals, a data storage area to store a plurality of data, including a phone number data which indicates a specific phone number, a shortcut icon image data which is an image of a shortcut icon displayed on said display, a shortcut icon location data which indicates the location of said shortcut icon displayed on said display, and an email data which indicates an email produced by the user, a voice communication mode implementor which retrieves said phone number data from said data storage area and implements a phone call utilizing said phone number data, and transfers a 1st voice data input from said microphone via said wireless communication system and outputs a 2nd voice data received via said wireless communication system from said speaker, a shortcut icon displaying mode implementor which retrieves said shortcut icon image data from said data storage area and displays said shortcut icon image data on said display, executes an email displaying mode implementor corresponding to said shortcut icon image data when said shortcut icon image data is selected by the user, and updates said shortcut icon location data when the user moves said shortcut icon image data to a new location, and said email

displaying mode implementor which retrieves said email data from said data storage area and displays said email data on said display.

29. (New) A communication device comprising an input device to operate said communication device, a microphone to input audio data to said communication device, a speaker to output audio data from said communication device, a visual image generator to generate a plurality of images, a display to display said plurality of images, a wireless communication system which sends and receives wireless signals, a data storage area to store a plurality of data, including a phone number data which indicates a specific phone number, a 1st shortcut icon image data which is an image of a 1st shortcut icon displayed on said display, a 2nd shortcut icon image data which is an image of a 2nd shortcut icon displayed on said display, a 1st shortcut icon location data which indicates the location of said 1st shortcut icon displayed on said display, a 2nd shortcut icon location data which indicates the location of said 2nd shortcut icon displayed on said display, a 1st data, and a 2nd data, a voice communication mode implementor which retrieves said phone number data from said data storage area and implements a phone call utilizing said phone number data, and transfers a 1st voice data input from said microphone via said wireless communication system and outputs a 2nd voice data received via said wireless communication system from said speaker, a caller ID mode implementor which outputs the identification of the caller of the incoming call received by said communication device by referring to a phone list, a call blocking mode implementor which blocks the incoming call if the identification thereof is included in a call blocking list, and an auto time adjusting mode implementor which automatically adjusts the clock of said communication device by referring to a wireless signal received by said wireless communication system. a shortcut icon displaying mode implementor which retrieves said 1st shortcut icon image data from said data storage area and displays said 1st shortcut icon image data on said display, executes a 1st mode

implementor corresponding to said 1st shortcut icon image data when said 1st shortcut icon image data is selected by the user, updates said 1st shortcut icon location data when the user moves said 1st shortcut icon image data to a new location, retrieves said 2nd shortcut icon image data from said data storage area and displays said 2nd shortcut icon image data on said display, executes a 2nd mode implementor corresponding to said 2nd shortcut icon image data when said 2nd shortcut icon image data is selected by the user, and updates said 2nd shortcut icon location data when the user moves said 2nd shortcut icon image data to a new location, said 1st mode implementor which retrieves said 1st data from said data storage area and outputs said 1st data from said communication device, and said 2nd mode implementor which retrieves said 2nd data from said data storage area and outputs said 2nd data from said communication device.

30. (New) A communication device comprising an input device to operate said communication device, a microphone to input audio data to said communication device, a speaker to output audio data from said communication device, a visual image generator to generate a plurality of images, a display to display said plurality of images, a wireless communication system which sends and receives wireless signals, a data storage area to store a plurality of data, including a phone number data which indicates a specific phone number, a 1st component which is a component of said communication device comprising digital data, a 2nd component which is another component of said communication device comprising digital data, a voice communication mode implementor which retrieves said phone number data from said data storage area and implements a phone call utilizing said phone number data, and transfers a 1st voice data input from said microphone via said wireless communication system and outputs a 2nd voice data received via said wireless communication system from said speaker, a shortcut icon displaying mode implementor which displays a shortcut icon image data on said display, and a component updating mode implementor which updates said 1st

component when a 1st updated data is received via said wireless communication system, and updates said 2nd component when a 2nd updated data is received via said wireless communication system. 31. (New) The communication device of claim 29, wherein said 1st mode implementor includes an email mode implementor and said 1st data includes an email data.

31. (New) The communication device of claim 29, wherein said 2nd mode implementor includes a visual data displaying mode implementor and said 2nd data includes visual data.

32. (New) The communication device of claim 29, wherein said 2nd mode implementor includes an alphanumeric data displaying mode implementor and said 2nd data includes alphanumeric data.

33. (New) The communication device of claim 29, wherein said communication device further comprises a voice recognition system which retrieves alphanumeric information from the user's voice input via said microphone, a voice recognition system which retrieves alphanumeric information from the user's voice input via said microphone, and a voice recognition refraining system which refrains from implementing said voice recognition system while a voice communication is implemented by said communication device, a tag mode implementor and a phone number data storage area, said phone number data storage area includes a plurality of phone numbers, a voice tag is linked to each of said plurality of phone number, when a voice tag is detected in the voice data retrieved via said microphone, the corresponding phone number is retrieved from said phone number data storage area, a sound/beep auto off mode implementor wherein said communication device refrains from outputting a sound data stored in a sound data storage area while a voice recognition system is implemented, a voice recognition

system auto off implementor, wherein said voice recognition system auto off implementor identifies the lapsed time since a voice recognition system is activated and deactivates said voice recognition system after a certain period of time has lapsed, and a voice recognition email mode implementor which produces a voice produced email which is an email produced by alphanumeric information retrieved from the user's voice input via said microphone, and said voice produced email is stored in said data storage area.

34. (New) The communication device of claim 29, wherein said communication device further comprises a voice communication text converting mode implementor, wherein a 1st voice data which indicates the voice data of the caller and a 2nd voice data which indicates the voice data of the callee are retrieved, and said 1st voice data and said 2nd voice data are converted to a 1st text data and a 2nd text data respectively, which are displayed on said display, a target device location indicating mode implementor, wherein a target device location data identifying request is transferred to a host computing system in a wireless fashion, a map data and a target device location data is received from said host computing system in a wireless fashion, and said map data with the location corresponding to said target device location data indicated thereon is displayed on said display, an auto backup mode implementor, wherein the data identified by an auto backup information is retrieved from a data storage area and transferred to another computing system in a wireless fashion periodically for purposes of storing a backup data therein, an audio/video data capturing system which stores an audiovisual data retrieved via said microphone and a camera installed in said communication device in said data storage area, retrieves said audiovisual data from said data storage area, and sends said audiovisual data to another device in a wireless fashion, a digital mirror mode implementor which displays an inverted visual data of the visual data input via a camera of said communication device on said display, and a stock purchase mode implementor

which outputs a notice signal from said communication device when said communication device receives a notice data wherein said notice data is produced by a computing system and sent to said communication device when a stock price of a predetermined stock brand meets a predetermined criteria.

35. (New) The communication device of claim 29, wherein said communication device further comprises a timer email mode implementor which sends an email data stored in said data storage area to a predetermined email address at the time indicated by an email data sending time data stored in said data storage area, an online payment mode implementor which sends a payment data indicating a certain amount of currency to a certain computing system in a wireless fashion in order for said certain computing system to deduct the amount indicated by said payment data from a certain account stored in said certain computing system, a navigation system which produces a map indicating the shortest route from a first location to a second location by referring to an attribution data, a remote controlling system which sends a 1st remote control signal in a wireless fashion by which a 1st device is controlled via a network, a 2nd remote control signal in a wireless fashion by which a 2nd device is controlled via a network, and a 3rd remote control signal in a wireless fashion by which a 3rd device is controlled via a network, an auto emergency calling system wherein said communication device transfers an emergency signal to a certain computing system when an impact of a certain level is detected in a predetermined automobile, and a cellular TV mode implementor which receives a TV data, which is a series of digital data indicating a TV program, via said antenna system in a wireless fashion and outputs said TV data from said communication device.

36. (New) The communication device of claim 29, wherein said communication device further comprises a 3D video game mode implementor which retrieves a 3D video game

object, which is controllable by a video game object controlling command input via said input device, from said data storage area and display said 3D video game object on said display, a GPS search engine mode implementor, wherein a specific criteria is selected by said input device and one or more of geographic locations corresponding to said specific criteria are indicated on said display, a mobile ignition key mode implementor which sends a mobile ignition key signal via said antenna system in a wireless fashion in order to ignite an engine of an automobile, a voice print authentication system which implements authentication process by utilizing voice data of the user of said communication device, a fingerprint authentication system which implements authentication process by utilizing fingerprint data of the user of said communication device, and a video/photo mode implementor which implements a video mode and a photo mode, wherein said video/photo mode implementor displays moving image data under said video mode and said video/photo mode implementor displays still image data under said photo mode on said display.

37. (New) The communication device of claim 29, wherein said communication device further comprises a taxi calling mode implementor, wherein a 1st location which indicates the geographic location of said communication device is identified, a 2nd location which indicates the geographic location of the taxi closest to said 1st location is identified, and said 1st location and said 2nd location are indicated on said display, an address book updating mode implementor which updates the address book stored in said communication device by personal computer via network, a batch address book updating mode implementor which updates all address books of a plurality of devices including said communication device in one action, a batch scheduler updating mode implementor which updates all schedulers of a plurality of devices including said communication device in one action, a calculating mode implementor which implements mathematical calculation by utilizing digits input via said input device, and a spreadsheet

mode implementor which displays a spreadsheet on said display, wherein said spreadsheet includes a plurality of cells which are aligned in a matrix fashion.

38. (New) The communication device of claim 29, wherein said communication device further comprises a word processing mode implementor which implements a bold formatting function, an italic formatting function, and a font formatting function, wherein said bold formatting function changes alphanumeric data to bold, said italic formatting function changes alphanumeric data to italic, and said font formatting function changes alphanumeric data to a selected font, a TV remote controlling mode implementor wherein a TV control signal is transferred via said antenna system, said TV control signal is a wireless signal to control a TV tuner, a CD/PC inter-communicating mode implementor which retrieves the data stored in a data storage area and transfers said data directly to another computer by utilizing infra-red signal in a wireless fashion, a pre-dialing/dialing/waiting sound selecting mode implementor, wherein a selected pre-dialing sound which is one of the plurality of pre-dialing sound is registered, a selected dialing sound which is one of the plurality of dialing sound is registered, and a selected waiting sound which is one of the plurality of waiting sound is registered by the user of said communication device, and during the process of implementing a voice communication mode, said selected pre-dialing sound is output from said speaker before a dialing process is initiated, said selected dialing sound is output from said speaker during said dialing process is initiated, and said selected waiting sound is output from said speaker after said dialing process is completed, a startup software mode implementor, wherein a startup software identification data storage area stores a startup software identification data which is an identification of a certain software program selected by the user, when the power of said communication device is turned on, said startup software mode implementor retrieves said startup software identification data from said startup software identification data storage area and activates said certain



software program, and a stereo audio data output mode implementor which enables said communication device to output audio data in a stereo fashion.

39. (New) The communication device of claim 29, wherein said communication device further comprises a stereo visual data output mode implementor, wherein a left visual data storage area stores a left visual data, a right visual data storage area stores a right visual data, stereo visual data output mode implementor retrieves said left visual data from said left visual data storage area and displays on a left display and retrieves said right visual data from said right visual data storage area and displays on a right display, a multiple signal processing mode implementor, wherein said communication implements wireless communication under a 1st mode and a 2nd mode, said wireless communication is implemented by utilizing cdma2000 signal under said 1st mode, and said wireless communication is implemented by utilizing W-CDMA signal under said 2nd mode, a pin-pointing mode implementor, wherein a plurality of in-door access points are installed in an artificial structure, a target device location data which indicates the current geographic location of another device is identified by the geographical relation between said plurality of in-door access points and said another device, and said target device location data is indicated on said display, a CCD bar code reader mode implementor, wherein a bar code data storage area stores a plurality of bar code data, each of said plurality of bar code data corresponds to a specific alphanumeric data, said CCD bar code reader mode implementor identifies the bar code data corresponding to a bar code retrieved via a camera and identifies and displays the alphanumeric data corresponding to the identified bar code data, an online renting mode implementor which enables the user of communication device to download from another computing system and rent digital information for a certain period of time, and an SOS calling mode implementor, wherein when a specific call is made from said communication device, said SOS calling mode implementor retrieves a current geographic location data from a current

geographic location data storage area and retrieves a personal information data from a personal information data storage area and transfers said current geographic location data and said personal information data to a specific device in a wireless fashion.

40. (New) The communication device of claim 29, wherein said communication device further comprises a PC remote controlling mode implementor, wherein an image data is produced by a personal computer, said image data is displayed on said personal computer, said image data is transferred to said communication device, said image data is received via said antenna system in a wireless fashion and stored in a data storage area, said image data is retrieved from said data storage area and displayed on said display, a remote control signal input via said input device is transferred to said personal computer via said antenna system in a wireless fashion, and said personal computer is controlled in accordance with said remote control signal, a PC remote downloading mode implementor, wherein said communication device sends a data transferring instruction signal to a 1st computer via said antenna system in a wireless fashion, wherein said data transferring instruction signal indicates an instruction to said 1st computer to transfer a specific data stored therein to a 2nd computer, an audiovisual playback mode implementor, wherein an audiovisual data storage area stores a plurality of audiovisual data, an audiovisual data is selected from said audiovisual data storage area, said audiovisual playback mode implementor replays said audiovisual data if a replaying command is input via said input device, said audiovisual playback mode implementor pauses to replay said audiovisual data if a replay pausing command is input via said input device, said audiovisual playback mode implementor resumes to replay said audiovisual data if a replay resuming command is input via said input device, said audiovisual playback mode implementor terminates to replay said audiovisual data if a replay terminating command is input via said input device, said audiovisual playback mode implementor fast-forwards to replay said audiovisual data if a replay

fast-forwarding command is input via said input device, and said audiovisual playback mode implementor fast-rewinds to replay said audiovisual data if a replay fast-rewinding command is input via said input device, an audio playback mode implementor which enables said communication device to playback audio data selected by the user of said communication device, a ticket purchasing mode implementor which enables said communication device to purchase tickets in a wireless fashion, and a remote data erasing mode implementor, wherein a data storage area stores a plurality of data, said remote data erasing mode implementor deletes a portion or all data stored in said data storage area in accordance with a data erasing command received from another computer via said antenna system in a wireless fashion, said data erasing command identifies the data to be erased selected by the user.

41. (New) The communication device of claim 29, wherein said communication device further comprises a business card mode implementor which retrieves a 1st business card data indicating the name, title, phone number, email address, and office address of the user of said communication device from said data storage area and sends via said antenna system in a wireless fashion and receives a 2nd business card data indicating the name, title, phone number, email address, and office address of the user of another device via said antenna system in a wireless fashion and stores said 2nd business card data in said data storage area, a game vibrating mode implementor which activates a vibrator of said communication device when a 1st game object contacts a 2nd game object displayed on said display, a part-timer finding mode implementor which enables the user of said communication device to find a part-time job in a specified manner by utilizing said communication device, a parking lot finding mode implementor which enables said communication device to display the closest parking lot with vacant spaces on said display with the best route thereto, an on demand TV mode implementor which enables said communication device to display TV program on said display in accordance

with the user's demand, and an inter-communicating TV mode implementor which enables said communication device to send answer data to host computing system at which said answer data from a plurality of communication devices including said communication device are counted and the counting data is produced.

42. (New) The communication device of claim 29, wherein said communication device further comprises a display controlling mode implementor which enables said communication device to control the brightness and/or the contrast of said display per file opened or software program executed, a multiple party communicating mode implementor which enables the user of said communication device to voice communicate with more than one person via said communication device, a display brightness controlling mode implementor which controls the brightness of said display in accordance with the brightness detected by a photometer of the surrounding area of the user of said communication device, a multiple party pin-pointing mode implementor which enables said communication device to display the current locations of a plurality of devices in artificial structure, a digital camera mode implementor, wherein a photo quality identifying command is input via said input device, when a photo taking command is input via said input device, a photo data retrieved via a camera is stored in a photo data storage area with the quality indicated by said photo quality identifying command, and a phone number linking mode implementor which displays a phone number link and dials a phone number indicated by said phone number link when said phone number link is selected.

43. (New) The communication device of claim 29, wherein said communication device further comprises a multiple window displaying mode implementor which displays a plurality of windows simultaneously on said display, a mouse pointer displaying mode implementor which displays on said display a mouse pointer which is capable to be

manipulated by the user of said communication device, a house item pin-pointing mode implementor which enables the user of said communication device to find the location of the house items for which the user is looking in a house, wherein the house items are the tangible objects placed in a house which are movable by human being, a membership administrating mode implementor in which host computing system allows only the users of said communication device who have paid the monthly fee to access host computing system to implement a certain function, a keyword search timer recording mode implementor which enables to timer record TV programs which meet a certain criteria set by the user of said communication device, and a weather forecast displaying mode implementor which displays on said display the weather forecast of the current location of said communication device.

44. (New) The communication device of claim 29, wherein said communication device further comprises a multiple language displaying mode implementor, wherein a selected language is selected from a plurality of languages, and said selected language is utilized to operate said communication device, a caller's information displaying mode implementor which displays personal information regarding caller on said display when said communication device receives a phone call, a communication device remote controlling mode implementor which enables the user of said communication device to remotely control said communication device via conventional telephone, a communication device remote controlling mode implementor which enables the user of said communication device to remotely control said communication device by an ordinary personal computer via the Internet, a task tray icon displaying mode implementor, wherein a task tray icon is displayed on said display, and a software program indicated by said task tray icon is executed in background, and a multiple channel processing mode implementor which enables said communication device to send and receive a large amount of data in a short period of time by utilizing multiple

channels.

45. (New) The communication device of claim 29, wherein said communication device further comprises a solar battery charging mode implementor which enables to charge battery of said communication device by utilizing solar panel, a OS updating mode implementor which updates operating system of said communication device in a wireless fashion via said wireless communication system, a device managing mode implementor which adds and deletes device controllers attached to or installed in said communication device, an automobile controlling mode implementor wherein said communication device remotely controls, in response to an automobile controlling command input via said input device, an automobile, and an OCR mode implementor wherein an image data is input to a camera of said communication device, alphanumeric data is extracted from said image data.